

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Hart County, Kentucky**

**Kentucky State Nature Preserves
Commission
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Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S#B = Rank of breeding population

S4 = Apparently secure

S#T# = Intraspecific taxa

S#N = Rank of non-breeding population

S5 = Secure

SNR = Unranked

S#M = Rank of transient population

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to have extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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Hart	Vascular Plants	<i>Adiantum capillus-veneris</i>	Southern Maidenhair-fern	T /	G5 / S2	1	0	0	0	0
Hart	Vascular Plants	<i>Aureolaria patula</i>	Spreading False Foxglove	S /	G3 / S3	1	0	0	0	0
Hart	Vascular Plants	<i>Carex decomposita</i>	Epiphytic Sedge	T /	G3 / S2	1	0	0	0	0
Hart	Vascular Plants	<i>Carex straminea</i>	Straw Sedge	T /	G5 / S2?	1	0	0	0	0
Hart	Vascular Plants	<i>Circaea alpina</i>	Small Enchanter's Nightshade	S /	G5 / S3	1	0	0	0	0
Hart	Vascular Plants	<i>Dodecatheon frenchii</i>	French's Shooting Star	S /	G3 / S3	0	1	0	0	0
Hart	Vascular Plants	<i>Gentiana puberulenta</i>	Prairie Gentian	E /	G4G5 / S1	0	1	0	0	0
Hart	Vascular Plants	<i>Glyceria acutiflora</i>	Sharp-scaled Manna-grass	E /	G5 / S1S2	1	1	0	0	0
Hart	Vascular Plants	<i>Gratiola viscidula</i>	Short's Hedgehyssop	S /	G4G5 / S3	1	0	0	0	0
Hart	Vascular Plants	<i>Helianthemum bicknellii</i>	Plains Frostweed	E /	G5 / S1S2	0	1	0	0	0
Hart	Vascular Plants	<i>Helianthus eggertii</i>	Eggert's Sunflower	T /	G3 / S2	16	0	0	1	0
Hart	Vascular Plants	<i>Heteranthera limosa</i>	Blue Mud-plantain	S /	G5 / S2S3	1	0	0	0	0
Hart	Vascular Plants	<i>Hieracium longipilum</i>	Hairy Hawkweed	T /	G4G5 / S2	1	0	0	0	0
Hart	Vascular Plants	<i>Liatris cylindracea</i>	Slender Blazingstar	T /	G5 / S2S3	3	0	1	0	0
Hart	Vascular Plants	<i>Podostemum ceratophyllum</i>	Threadfoot	S /	G5 / S3	1	0	0	0	0
Hart	Vascular Plants	<i>Pontederia cordata</i>	Pickereel-weed	T /	G5 / S1S2	0	1	0	0	0
Hart	Vascular Plants	<i>Potamogeton pulcher</i>	Spotted Pondweed	T /	G5 / S1S2	1	0	0	0	0
Hart	Vascular Plants	<i>Rhynchospora macrostachya</i>	Tall Beaked-rush	E /	G4 / S1	0	0	1	0	0
Hart	Vascular Plants	<i>Silene regia</i>	Royal Catchfly	E /	G3 / S1	1	0	0	0	0
Hart	Vascular Plants	<i>Silphium pinnatifidum</i>	Tansy Rosinweed	S /	G3Q / S3	7	0	0	0	0
Hart	Vascular Plants	<i>Symphotrichum pratense</i>	Barrens Silky Aster	S /	G4? / S3	4	0	0	0	0
Hart	Vascular Plants	<i>Trifolium reflexum</i>	Buffalo Clover	E /	G3G4 / S1S2	0	1	0	0	0
Hart	Vascular Plants	<i>Viola septemloba</i> var. <i>egglestonii</i>	Eggleston's Violet	S /	G4 / S3	0	0	1	0	0
Hart	Aquatic Snails	<i>Antroselates spiralis</i>	Shaggy Cavesnail	S /	G3 / S2	5	0	0	0	0
Hart	Aquatic Snails	<i>Leptoxis praerosa</i>	Onyx Rocksnail	S / SOMC	G5 / S3S4	1	0	0	0	0
Hart	Aquatic Snails	<i>Rhodacme elatior</i>	Domed Ancyliid	S /	G1 / S1	0	1	0	0	0
Hart	Terrestrial Snails	<i>Paravitrea lapilla</i>	Gem Supercoil	T /	G2 / S1	0	1	0	0	0
Hart	Freshwater Mussels	<i>Alasmidonta marginata</i>	Elktoe	T / SOMC	G4 / S2	10	3	0	0	0

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Hart	Freshwater Mussels	<i>Cumberlandia monodonta</i>	Spectaclecase	E / C	G3 / S1	4	1	3	1	0
Hart	Freshwater Mussels	<i>Cyprogenia stegaria</i>	Fanshell	E / LE	G1Q / S1	32	2	8	0	0
Hart	Freshwater Mussels	<i>Epioblasma obliquata obliquata</i>	Catspaw	E / LE	G1T1 / S1	0	0	0	1	0
Hart	Freshwater Mussels	<i>Epioblasma torulosa rangiana</i>	Northern Riffleshell	E / LE	G2T2 / S1	1	4	5	1	0
Hart	Freshwater Mussels	<i>Epioblasma triquetra</i>	Snuffbox	E / SOMC	G3 / S1	3	4	12	1	0
Hart	Freshwater Mussels	<i>Fusconaia subrotunda</i>	Longsolid	S /	G3 / S3	25	0	9	1	0
Hart	Freshwater Mussels	<i>Hemistena lata</i>	Cracking Pearlymussel	X / LE	G1 / SX	0	0	0	2	0
Hart	Freshwater Mussels	<i>Lampsilis abrupta</i>	Pink Mucket	E / LE	G2 / S1	1	0	0	0	0
Hart	Freshwater Mussels	<i>Lampsilis ovata</i>	Pocketbook	E /	G5 / S1	26	1	4	0	0
Hart	Freshwater Mussels	<i>Leptodea leptodon</i>	Scaleshell	X / LE	G1G2 / SX	0	0	0	3	0
Hart	Freshwater Mussels	<i>Obovaria retusa</i>	Ring Pink	E / LE	G1 / S1	3	1	6	1	0
Hart	Freshwater Mussels	<i>Plethobasus cyphus</i>	Sheepnose	E / C	G3 / S1	22	0	3	0	0
Hart	Freshwater Mussels	<i>Pleurobema clava</i>	Clubshell	E / LE	G2 / S1	0	8	3	2	0
Hart	Freshwater Mussels	<i>Pleurobema plenum</i>	Rough Pigtoe	E / LE	G1 / S1	5	2	2	0	0
Hart	Freshwater Mussels	<i>Pleurobema rubrum</i>	Pyramid Pigtoe	E / SOMC	G2G3 / S1	6	0	3	0	0
Hart	Freshwater Mussels	<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	T / C	G3G4T3 / S2	14	0	3	1	0
Hart	Freshwater Mussels	<i>Simpsonaias ambigua</i>	Salamander Mussel	T / SOMC	G3 / S2S3	0	0	1	0	0
Hart	Freshwater Mussels	<i>Villosa fabalis</i>	Rayed Bean	X / C	G2 / SX	0	0	0	2	0
Hart	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	1	2	4	0	0
Hart	Freshwater Mussels	<i>Villosa ortmanni</i>	Kentucky Creekshell	T / SOMC	G2 / S2	5	3	13	0	0

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Hart	Crustaceans	<i>Barbicambarus cornutus</i>	Bottlebrush Crayfish	S /	G4 / S2	3	0	0	0	0
Hart	Crustaceans	<i>Bryocamptus morrisoni elegans</i>	A Copepod	T /	G3G4T3T4 / S1	0	1	0	0	0
Hart	Crustaceans	<i>Orconectes inermis inermis</i>	Ghost Crayfish	S /	G5T4 / S3	2	5	1	0	0
Hart	Crustaceans	<i>Orconectes pellucidus</i>	Mammoth Cave Crayfish	S / SOMC	G4 / S3	1	7	0	0	0
Hart	Crustaceans	<i>Palaemonias ganteri</i>	Mammoth Cave Shrimp	E / LE	G1 / S1	5	0	0	0	0
Hart	Crustaceans	<i>Stygobromus vitreus</i>	An Amphipod	S /	G4 / S1	2	0	0	0	0
Hart	Insects	<i>Celithemis verna</i>	Double-ringed Pennant	H /	G5 / SH	0	1	0	0	0
Hart	Insects	<i>Erora laeta</i>	Early Hairstreak	T /	GU / S1	0	0	0	1	0
Hart	Insects	<i>Lytrosis permagnaria</i>	A Geometrid Moth	E / SOMC	G3G4 / S1	0	1	0	0	0
Hart	Insects	<i>Pseudanophthalmus audax</i>	Bold Cave Beetle	T / SOMC	G1G2 / S1	0	1	0	0	0
Hart	Insects	<i>Pseudanophthalmus globiceps</i>	Round-headed Cave Beetle	T / SOMC	G1 / S1	1	0	0	0	0
Hart	Insects	<i>Pseudanophthalmus simulans</i>	Cub Run Cave Beetle	T / SOMC	G1 / S1	0	0	1	0	0
Hart	Insects	<i>Satyrium favonius ontario</i>	Northern Hairstreak	S /	G4T4 / S2	1	0	0	0	0
Hart	Insects	<i>Soyedina calcarea</i>	A Stonefly	E /	G1 / S1	1	0	0	0	0
Hart	Insects	<i>Stylurus notatus</i>	Elusive Clubtail	E / SOMC	G3 / S1	0	1	0	0	0
Hart	Insects	<i>Tychobythinus hubrichti</i>	A Cave Obligate Beetle	T /	G1G2 / S1S2	0	1	0	0	0
Hart	Other Invertebrates	<i>Kleptochthonius attenuatus</i>	A Cave Obligate Pseudoscorpion	T /	G1 / S1	0	1	0	0	0
Hart	Fishes	<i>Amblyopsis spelaea</i>	Northern Cavefish	S / SOMC	G4 / S3	1	1	1	0	0
Hart	Fishes	<i>Etheostoma maculatum</i>	Spotted Darter	T / SOMC	G2 / S2	13	0	0	0	0
Hart	Fishes	<i>Hybopsis amnis</i>	Pallid Shiner	E / SOMC	G4 / S1	0	1	0	0	0
Hart	Fishes	<i>Lampetra appendix</i>	American Brook Lamprey	T /	G4 / S2	2	0	0	0	0
Hart	Fishes	<i>Percina macrocephala</i>	Longhead Darter	E / SOMC	G3 / S1	0	2	0	0	0
Hart	Fishes	<i>Phenacobius uranops</i>	Stargazing Minnow	S /	G4 / S2S3	6	3	0	0	0
Hart	Fishes	<i>Typhlichthys subterraneus</i>	Southern Cavefish	S / SOMC	G3G4 / S2S3	1	3	0	0	0
Hart	Amphibians	<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	S / SOMC	G3G4T3T4 / S3	2	1	0	0	0

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Hart	Reptiles	<i>Elaphe guttata</i>	Corn Snake	S /	G5 / S3	9	2	0	0	0
Hart	Reptiles	<i>Eumeces inexpectatus</i>	Southeastern Five-lined Skink	S /	G5 / S3	0	2	0	0	0
Hart	Reptiles	<i>Lampropeltis triangulum elapsoides</i>	Scarlet Kingsnake	S /	G5T5 / S3	0	1	0	0	0
Hart	Reptiles	<i>Ophisaurus attenuatus longicaudus</i>	Eastern Slender Glass Lizard	T /	G5T5 / S2	1	2	0	0	0
Hart	Reptiles	<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake	T / SOMC	G4T4 / S2	1	1	0	0	2
Hart	Breeding Birds	<i>Aimophila aestivalis</i>	Bachman's Sparrow	E / SOMC	G3 / S1B	0	0	0	1	0
Hart	Breeding Birds	<i>Ammodramus henslowii</i>	Henslow's Sparrow	S / SOMC	G4 / S3B	1	0	0	0	0
Hart	Breeding Birds	<i>Circus cyaneus</i>	Northern Harrier	T /	G5 / S1S2B,S4N	1	0	0	0	0
Hart	Breeding Birds	<i>Thryomanes bewickii</i>	Bewick's Wren	S / SOMC	G5 / S3B	1	0	0	0	0
Hart	Breeding Birds	<i>Tyto alba</i>	Barn Owl	S /	G5 / S3	2	0	0	0	0
Hart	Mammals	<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	S / SOMC	G3G4 / S3	4	0	0	0	0
Hart	Mammals	<i>Myotis austroriparius</i>	Southeastern Myotis	E / SOMC	G3G4 / S1S2	1	0	0	0	0
Hart	Mammals	<i>Myotis grisescens</i>	Gray Myotis	T / LE	G3 / S2	2	2	0	1	0
Hart	Mammals	<i>Myotis sodalis</i>	Indiana Bat	E / LE	G2 / S1S2	4	0	0	0	0
Hart	Mammals	<i>Nycticeius humeralis</i>	Evening Bat	S /	G5 / S3	1	0	0	0	0
Hart	Communities	<i>Acidic mesophytic forest</i>		/	GNR / S5	1	0	0	0	0
Hart	Communities	<i>Acidic sub-xeric forest</i>		/	GNR / S5	2	0	0	0	0
Hart	Communities	<i>Calcareous mesophytic forest</i>		/	GNR / S5	1	0	0	0	0
Hart	Communities	<i>Limestone barrens (open woodland)</i>		/	GNR / S2	1	0	0	0	0
Hart	Communities	<i>Limestone/dolomite prairie</i>		/	GNR / S1	1	0	0	0	0
Hart	Communities	<i>Sinkhole/depression pond</i>		/	GNR / S2	1	0	0	0	0
Hart County Total:						282	79	85	20	2